

SNARSKIY, Aleksey Antonovich.; MARKOV, Modest Vladimirovich.; NEFEDOV,
V.M., inzh., red.; STROGANOV, L.P., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Automatic and remote control and communications in railroad
transportation] Linii avtomatiki, telemekhaniki i svyazi na
zheleznodorozhnom transporte. Moskva, Gos. transp. zhel-dor.
izd-vo, 1958, 389 p. (MIRA 11:12)
(Railroads--Communications systems)

BAIAGIN, Ivan Yakovlevich; POPOV, Vadim Petrovich; TYUMORNEZOV, Viktor
Yevgrafovich; STROGANOV, L.P., inzh., red.; KHITROV, P.A.,
tekhn. red.

[Telegraphy] Telegrafiiia. Moskva, Gos. transp. zhel-dor. izd-vo,
1958. 462 p. (MIRA 11:10)

(Telegraph)

KRYUCHKOV, Vladimir Feofanovich; ORLOV, Nikolay Aleksandrovich; STROGANOV,
L.P., inzh., red.; KHITROV, P.A., tekhn.red.

[Manual for telegraph operators] Posobie telegrafistu. Izd.2.,
perer. i dop. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 191 p.
(MIRA 12:5)

(Telegraph--Operators' manuals)

BERZIN, Mikhail Avgustinovich; STROGANOV, L.P., inzh., red.; MARENKOVA,
G.I., inzh., red.; MEDVEDEVA, M.A., tekhn.red.

[Handbook for electricians and maintenance men in train and
railroad station radio communications] Posobie elektromekhaniku
i monteru stantsionnoi i poezdnoi radiosvazi. Moskva, Gos.
transp.zhel-dor.izd-vo, 1959. 285 p. (MIRA 13:3)
(Railroads--Communication systems)

KRIVITSKIY, Konstantin Aleksandrovich; PADERNO, Iosif Pavlovich; POGODIN, Aleksandr Mikhaylovich; MARENKOVA, G.I., inzh., md.; STROGANOV, L.P., inzh.; VERINA, G.P., tekhn.red.

[High frequency telephone apparatus] Apparatura vysokochastotnogo telefonirovaniia. Izd.2, perer. i dop. Moskva, Gos.trasp.zhel-dor.izd-vo, 1959. 301 p. (MIRA 13:2)
(Telephone)

ZEDGINIDZE, G.P.; FROLOV, Ye.S., kand. tekhn. nauk, retsenzent;
STROGANOV, L.P., inzh., red.; DEMKINA, N.F., tekhn. red.

[Measuring the temperature of rotating machine parts] Iz-
merenie temperatury vrashchalushchikhosia detalei mashin.
Moskva, Mashgiz, 1962. 270 p. (MIRA 15:10)
(Thermometry)

GORBUNOV, Vladimir Andreyevich; BRONTMAN, D.K., kand. tekhn. nauk,
retsenzent; STROGANOV, L.P., inzh., red.; UVAROVA, A.F.,
tekhn. red.

[Apparatus for the electrical networks of automatic control
systems; reference materials] Apparatura elektroskhem avtoma-
tizatsii; spravochnye materialy. Moskva, Mashgiz, 1962.
334 p. (MIRA 15:10)

(Electric controllers)
(Automatic control--Equipment and supplies)

SOLODOVNIKOV, V.V.; MATVEYEV, P.S.; VAL'DENBERG, Yu.S.; BABURIN,
V.M.; STROGANOV, L.P., inzh., red.; GORDEYEVA, L.P.,
tekhn. red.

[Computer techniques for use in statistical studies and
calculations of automatic control systems] Vychislitel'-
naia tekhnika v primeneniі dlia statisticheskikh issledo-
vaniі i raschetov sistem avtomaticheskogo upravleniia.
Mashgiz, 1963. 166 p. (MIRA 16:5)
(Automatic control) (Electronic computers)

MESYATSEV, P.P.; STROGANOV, L.F., inzh., red.; SMIRNOVA, G.V.,
tekhn. red.

[Reliability in the manufacture of electronic computers]
Nadezhnost' proizvodstva elektronno-vychislitel'nykh ma-
shin. Moskva, Mashgiz, 1963. 215 p. (MIRA 17:3)

SHEJMAN, V.L.; LEGON'KIKH, G.V.; KORSKOV, V.S., doktor tekhn. nauk,
prof., retsenzent; NOVIKOV, M.P., kand. tekhn. nauk, red.;
STROGANOV, L.P., inzh., red.; EL'KIND, V.D., tekhn. red.

[Mechanization of assembling operations in the instrument
industry] Mekhanizatsiia sborochnykh rabot v priborostroenii.
Moskva, Mashgiz, 1963. 466 p. (MIRA 17:2)

TKHOMZHEVSKIY, V.P.; PEREVEZENTSEV, I.G.; MADISON, V.G., retsenzent;
STROGANOV, L.P., inzh., red.

[Design of instruments for countries with a tropical
climate] Konstruirovaniye priborov dlia stran s tropiche-
skim klimatom. Izd.2., perer. i dop. Moskva, Izd-vo Ma-
shinostroenie, 1964. 199 p. (MIRA 17:6)

TSAMILIN, V.A.; BATSIYEVSKIY, A.F.; TEPELEV, V.S., inzh., retsenzent;
STROGANOV, L.P., inzh., red.

[Equipment for the measurement of metal hardness] Pribory
dlya izmereniia tverdosti metallov. Moskva, Izd-vo "Ma-
shinostroenie," 1964. 90 p. (MIRA 17:6)

MALOV, A.N.; BEZ-ENOV, A.Ye., kand. tekhn. nauk, retsenzent;
STROGANOVA, L.P., inzh., red.

[Mechanization and automation of assembly work in the
instrument industry] Mekhanizatsiia i avtomatizatsiia
sborochnykh rabot v priborostroenii. Moskva, Izd-vo
"Mashinostroenie," 1964. 351 p. (MIRA 17:7)

SOLODOVNIKOV, V.V., doktor tekhn. nauk, prof., red.; STROGANOV,
L.P., inzh., red.

[Computer technology for the automation of industry] Vy-
chislitel'naia tekhnika dlia avtomatizatsii proizvodstva;
trudy soveshchaniia, provedennogo v iune 1962 g. Mo-
skva, Mashinostroenie, 1964. 359 p. (MIRA 17:12)

SHCHEPETIL'NIKOV, V.A., doktor tekhn. nauk, prof., red.;
STROGANOV, L.P., inzh., red.

[Balancing of machines and instruments] Uravnoveshivanie
mashin i priborov. Moskva, Mashinostroenie, 1965. 570 p.
(MIRA 18:12)

AGEYKIN, D.I.; KOSTINA, Ye.N.; KUZNETSOVA, N.N.; STROGANOV,
L.F., inzh., red.; KURATTSEV, L.Ye., inzh., red.

[Regulation and control transducers; reference materials]
Datchiki kontrolya i regulirovaniya; spravochnye materialy.
2., perer. i dop. izd. Moskva, Mashinostroenie, 1965.
928 p. (MIRA 18:6)

STROGANOV, N.

STROGANOV, N., dotsent, rukovoditel' rabot.

Acclimatization of sturgeon-like fishes in lakes; work of the
Department of Hydrobiology in 1953. Vest. Mesk. un. 9 no.3:166-168
Mr '54. (MIRA 7:6)
(Sturgeons)

STROGANOV, N.A.

Development of centralized processing control in the chemical
industry. Khim.prom.no.1:3-6 Ja'47. (MIRA 8:12)

1. Tekhnicheskoye upravleniye Ministerstva khimicheskoy pro-
myshlennosti SSSR.
(Chemical plants)

STROGANOV, N.A., inzhener

Automatic timers. Khim.prom.no. 7:196-200 №47. (MLRA 8:12)

1. Tekhnicheskoye upravleniye Ministerstva khimicheskoy promysh-
lennosti SSSR.

(Automatic timers)

STROGANOV, M. A.

Turkmenistan - Viticulture

In the zone of the Main Turkmen Canal. Vin. SSSR 12, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

1. STROGANOV, N. A.
2. USSR (600)
4. Viticulture
7. Prospects for developing viticulture in the Volga-Caspian area. Vin. SSSR 12 no. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

STROGANOV, N. S.

"The Water Permeability Of Cells. Communication I. Periodic Variations Of The Volume Of Eggs Of *Perca Fluviatilis* L. Under Normal Conditions. Laboratory Of Physico-Chemical Biology and Hydr biology (Chief: Prof. S. N. Skudovskii) Institute Of Zoology, Moscow State University." (p. 515) by Stroganov, N. S.

SO: PREDECESSOR OF JOURNAL OF GENERAL BIOLOGY. (Biologicheskii Zhurnal) Vol. VII, 1938 No. 3

SUBJECT		PROCESSING AND PROPERTIES INDEX	
The effect of temperature on the relations of the gas metabolism of the perch (<i>Perca fluviatilis</i>). N. S. Stroganov. <i>J. Physiol.</i> (U. S. S. R.) 26, No. 1, 69-82 (1939); <i>Chem. Zentr.</i> 1940, II, 3357; cf. C. A. 35, 3311². A study was made of the effect of temp. on the relations between the individual processes (elimination of CO₂, consumption of NH₃ and of O₂ and the respiration rhythm) which make up the gas metabolism for the temp. range of 0.5-20°. There was an increase in the rate of all these processes as the temp. was increased. The processes could be represented graphically as a function of the temp. by 2 S curves, the transition from the one S-shaped curve		to the other occurring at the temp. zone of adaptation (that is, the temp. at which the perch had been kept for a long time at const. temp.). The changes in the individual processes in relation to one another are discussed.	
M. G. Moore		11 I	
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION			
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1ST AND 2ND ORDERS																										1ST AND 2ND ORDERS																									
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11I ca Physiological adaptation and gas exchange in fish. N. S. Stroganov. <i>Compt. rend. acad. sci. U. R. S. S.</i> 28, 743 6(1940)(In German). - A discussion of the relative changes of absorption of O_2, evolution of CO_2 and NH_3, and respiration rhythm under changes of temp. No data are given. I. I. Willaman																																																			
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STROGANOV, N. S.

Stroganov, N. S. - "The continued maintenance of the Volga sturgeon in the aquariums of the Moscow zoo, - With the assistance of Ye. A. Sheyn and A. V. Molchenova," Trudy Mosk. Zooparka, Vol. IV, 1949, p. 156-67, - Bibliog: 10 items

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

STROGANOV, N. S.

Fish Culture

The vitality of unfertilized roe of Volga herring under different conditions of preservation, Ryb. khoz., 28 No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July ¹⁹⁵² ~~1953~~ Uncl.

1. STROGANOV, N.S.
2. USSR (600)
4. Sturgions
7. Sexual maturing of sterlet and the role of environment in its completion.
DOKL.AN SSSR 87 no. 2, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

STROGANOV, N.S.

STROGANOV, N.S.; VERIGIN, B.V.

Contributions to the study of acclimatization of Amur fish in the
European part of the U.S.S.R. Zool.zhur.33 no.1:127-135 Ja-F '54.
(MLRA 7:2)

1. Biologo-pochvennyy institut i Agrobiologicheskaya stantsiya
Moskovskogo gosudarstvennogo universiteta.
(Fishes) (Acclimatization)

STROGANOV, N.S.; KORZHUYEV, P.A., redaktor; MAKAROV, B.M., redaktor;
ASTAF'YEVA, G.A., tekhnicheskii redaktor.

[Physiological adaptability of fishes to the temperature of
the environment] Fiziologicheskaya prispособlennost' ryb k
temperature sredy. Moskva, Izd-vo Akademii nauk SSSR, 1956.
151 p. (MIRA 9:6)
(Gambusia) (Temperature--Physiological effect) (Acclimatization)

STROGANOV, N.S.

Nutrition and growth of sturgeons in aquaria and basins;
principles underlying the hatchery method of raising sturgeons.
Vest.Mosk.un.Ser.biol.,pochv.,grol.,geog. 11 no.2:19-28 '56.

(MIRA 10:10)

1. Kafedra gidrobiologii.
(Sturgeons) (Fish culture)

STROGANOV, N.S., TELITCHENKO, M.M.

Chronic effect of small doses of uranium-238 on gonads of the bleak.
Biol.MOIP. Otd.biol. 63 no.4:154 J1-Ag '58 (MIRA 11:11)
(URANIUM--PHYSIOLOGICAL EFFECT)
(CARP)
(SEX (BIOLOGY))

STROGANOV, N.S.; TELITCHENKO, M.M.

Chronic effect of small doses of radioactive substances on a series
of *Daphnia magna* generations. Biul. MOIP. Otd. biol. 64 no. 1:154-155
Ja-F '59. (MIRA 12:7)

(Radioactive substances--Toxicology)
(Branchiopoda)

STROGANOV, N.S.

Current problems concerning the toxicology of waters. Biul. MOIP.
Otd.biol. 64 no.6:159 N-D '59. (MIRA 13:5)
(WATER--POLLUTION) (FRESH-WATER BIOLOGY)

STROGANOV, N.S.

Modern problems in the toxicology of water. Vest. Mosk. un.
Ser. 6: Biol., pochv. 15 no.2:3-17 '60. (MIRA 13:6)

1. Kafedra gidrobiologii Moskovskogo universiteta.
(Water--Pollution)

STROGANOV, N. S. ; KHOBOT'YEV, V. G.

Accumulation and release of radioactive phosphorus by aquatic organisms and its distribution in tissues of fish. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no.4:3-12 J1-Ag '60.

(MIRA 13:10)

1. Kafedra gidrobiologii Moskovskogo universiteta.
(Phosphorus--Isotopes) (Hydrobiology)

STROGANOV, Nikolay Sergeyevich; SKADOVSKIY, S.N., prof., red. [deceased];
SOKOLOVA, N.A., red.; GEORGIYEVA, G.I., tekhn.red.

[Ecologic physiology of fishes] Ekologicheskaya fiziologiya
ryb. Pod red. S.N.Skadovskogo. Moskva, Izd-vo Mosk.univ.
Vol.1. 1962. 443 p. (MIRA 15:5)
(Fishes--Physiology)

elements in the Pajarl Lake.
YAKOVLEVSKAYA Alexandra Pavlovna, Zoological Institute,
Academy of Sciences USSR, "The fauna of high
mountain water bodies of Middle Asia".
ZHADIN V. I., Zoobank Institute, Academy of
Sciences USSR, "Maturation of the reproductive
phenotype during fertilizing a water body".
ZIMOVSKAYA A. A., Dnepropetrovsk Scientific Institute
of Hydrobiology of the State University, Ukrainian
SSR - "Acclimatization of fishes' food organisms
from the fauna of estuary complex (of the
'Caspien pelict type') in water reservoirs of
the Ukraine and the Crimea".

STROGANOV, N.S.

Sergei Nikolaevich Skadovskii (1886-1962); obituary.
Trudy Gidrobiol. ob-va 12:420-428 '62. (MIRA 15:12)
(Skadovskii, Sergei Nikolaevich, 1886-1962)

STROGANOV, N.S.

Prospects for raising sturgeons in ponds. Trudy sov. Ikht.
kom. no.14:161-172 '62. (MIRA 15:12)

1. Moskovskiy gosudarstvennyy universitet.
(Podol'sk District--Sturgeons)
(Fish culture)

STROGANOV, N.S.; KOLOSOVA, L.V.

Effect of sewage from nylon factories on aquatic organisms. Zool.
zhur. 41 no.1:24-33 Ja '62. (MIRA 15:4)

1. Biological-Pedological Faculty, State University of Moscow.
(Freshwater fauna) (Water--Pollution)

ARKHIPOVA, L.V.; VOL'FKOVICH, S.I.; IGNATOVA, N.P.; KOGAN, L.M.; STRO-
ganov, H.S.

Use of hexachlorobutadiene for combating "blooming" of industrial
water. Khim.prom. no.7:498-501 J1 '63. (MIRA 16:11)

1. Moskovskiy gosudarstvennyy universitet i Vsesoyuznyy nauchno-
issledovatel'skiy institut khimicheskikh sredstv zashchity ras-
teniy.

STROGANOV, N.S.; IYEVLEVA, Ye.S.

Determination of the degree of relationship in fishes by the method of precipitation on agar. Zool zhur. 43 no.2:214-219 '64.

(MIRA 17:6)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta.

ST 1107, L.D.

Chemicalization and problems of water toxicology. Incl. 43 no.12:1737-1752 '64 (MIRA 18.2)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta.

TERENT'YEV, A.I.; SEROGANOV, N.S.; RUYKHALAE, Ye.G.; KHOBOT'YEV, V.G.

Use of polymetallic ores and their products as algiocides. Dokl.
AN SSSR 164 no.4:925-930 G 1985. (MIRA 18:10)

1. Moskovskiy gosudarstvennyy universitet. 2. Chlen-korrespondent
AN SSSR (for Terent'yev).

ACC NR: AP6034761

(N)

SOURCE CODE: UR/0020/66/170/005/1189/1191

AUTHOR: Stroganov, N. S.; Kochkin, D. A.; Khobot'yev, V. G.; Kolosova, L. V.

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Use of tin-organic compounds to combat plankton

SOURCE: AN SSSR. Doklady, v. 170, no. 5, 1966, 1189-1191

TOPIC TAGS: organotin compound, water purifying compound, fungicide

ABSTRACT: In view of the large cost of commercial water purification equipment by filtering, and in view of the absence of a universal chemical poison for plankton, the authors have tested the possible use of tin-organic compounds, especially trialkyl (allyl) substitutes, which have bactericidal, fungicidal, and insecticidal properties. This is the first published reference to the use of these compounds for combatting plankton. The synthesized tin-organic compounds were $(CH_3)_3SnOH$, $(CH_3)_3SnOCCCH_3$, $(C_6H_5CH_2)_3SnOH$, and $(C_6H_5CH_2)_3SnCl$, and were tested on phytoplankton and zooplankton. The tests were made in accordance with a procedure described elsewhere (Zool. zhurn. AN SSSR v. 41, no. 1, 1962) and lasted on the average for 30 days. The results showed that even a concentration of 0.02 mg/l killed most of the phytoplankton, and decreased the birth rate of zooplankton by a factor of 3. Ionic tin ($SnCl_2$), tested for comparison, is much weaker and calls for a dose of 35 mg/l. It is proposed that tin-organic

Card 1/2

UDC: 577.472(28)

ACC NR: A16034761

compounds are superior to mineral tin in that they exhibit a higher toxicity at much lower concentrations. This report was presented by Academician V. N. Shaposhnikov 10 March 1966. Orig. art. has: 2 figures and 2 tables.

SUB CODE: 06/ SUBM DATE: 03Mar66/ ORIG REF: 007/ OTH REF: 008

Card 2/2

L 58988-65 EWT(m)/EWP(j)/T Pc-4 RM

ACCESSION NR: AP5019023

UR/0286/65/000/012/0016/0046
667.722.633.266

AUTHOR: Stroganov, N. V.; Ovchinnikov, V. A.; Sankin, G. M.

19
B

TITLE: A method for coating leather. Class 22, No. 171951 ¹⁵

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 46

TOPIC TAGS: leather varnish

ABSTRACT: This Author's Certificate introduces a method for coating leather with aqueous acrylic concentrates with subsequent application of a lacquer based on cellulose, e. g. KB lacquer. ¹⁵ The elasticity of the leather is improved by adding silane derivatives in an organic solvent, e.g. tetraethoxysilane, or phenyltricresoxysilane.

ASSOCIATION: none

SUBMITTED: 30Mar64

ENCL: 00

SUB CODE: HT

NO REF SOV: 000

OTHER: 000

Card 1/1 ¹⁵

STROGANOV, P., elektromonter; KUSTOVA, L.; D'YACHKOV, N., slesar'

Congress will be held soon. Izobr.i rats. no.5 (201):19 '63.
(MIRA 16:7)

1. Moskovskiy zavod "Serp i molot" (for Stroganov). 2. Zavod
"Krasnyy Proletariy" (for D'yachkov).

(Technological innovations)

STROGANOV, P.S., TELITCHENKO, M.H.

Accumulation and distribution of some radioactive substances in
aquatic organisms. Biol.MOIP. Otd.biol. 63 no.4:155-156 41-Ag '58
(FRESH-WATER BIOLOGY) (MIRA 11:11)
(RADIOACTIVE SUBSTANCES)

32907

S/194/61/000/011/023/070
D209/D302

9.7100

AUTHOR:

Stroganov, R.P.

TITLE:

Some problems in constructing digital differential analyzers (DDA)

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 11, 1961, 14, abstract 11 B112 (Nauchno-tekhn. inform. byul. Leningr. politekhn. in-ta, 1960, no. 12, 58-66)

TEXT:

In the introduction the basic advantages and disadvantages of simulating and digital machines are enumerated. It is shown that the main disadvantage of simulating circuits is the comparatively low accuracy of computations, depending on the complexity of the problem being solved. In digital computers the very process of preparing the problem for solution is very difficult. The design of devices of the combined type made nowadays in the form of digital analogues is pointed out. The characteristic feature of the latter

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32907

S/194/61/000/011/023/070
D209/D302

Some problems in constructing...

is the fact that the computing process is obtained in them by means of digital techniques, and the methods of preparing and selecting the problem on the machine are very similar to analogous operations in simulating circuits. It is shown that the development of digital analogues progresses toward the design of computers for small computations and DDA. The principle of operation of DDA is examined. A special chapter deals with the problems of the accuracy of operation of DDA. Taking into account that the digital integrator is the main source of error, its error is evaluated. The following errors are examined: 1) Methodical; 2) increment formation; 3) rounding-off the values of initial conditions; 4) random, depending on the appearance of false signals, loss of signals etc. The ways of reducing the error of DDA are shown. The methods of construction of DDA are given. 7 references. [Abstracter's note: Complete translation]

Card 2/2

ACC NR: AT6023381

SOURCE CODE: UR/0000/65/000/000/0056/0061

AUTHOR: Kupriyanov, V. Ye. (Leningrad); Stroganov, R. P. (Leningrad)

ORG: none

TITLE: Semiconductor phase to time interval converter 160

SOURCE: Vsesoyuznaya konferentsiya po avtomaticheskomu knotrolyu i metodam elektricheskikh izmereniy. 5th, Novosibirsk, 1963, Avtomaticheskii kontrol' i metody elektricheskikh izmereniy; trudy konferentsii. t. I: Metody elektricheskikh izmereniy. Tsifrovyye izmeritel'nyye pribory. Elementy izmeritel'nykh sistem (Automatic control and electrical measuring techniques; transactions of the conference. v. 1: Electrical measuring techniques. Digital measuring instruments. Elements of measuring systems). Novosibirsk, Izd-vo Nauka, 1965, 56-61

TOPIC TAGS: phase measurement, phase shift, analog digital converter

ABSTRACT: In digital phase to time converters which measure the time difference between the zero crossing instants of the reference voltage and the voltage whose phase is being measured the largest source of error is the instability of the zero crossing detector threshold level. The passive detectors based on diodes proved inadequate. The authors propose an active zero crossing detector consisting of a unipolar voltage limiter - amplifier combination. In this circuit the first two transistors limit

Card 1/2

ACC NR: AT6023381

the negative input voltage to a level of 0.3V. The succeeding dc coupled switching amplifier stages amplify, shape, and differentiate the input voltage forming sharply defined spikes at the output. The spikes correspond to the zero crossing instants of the input voltage. The tested circuit's threshold level of 20mV remained practically unchanged when the collector supply voltage was varied by $\pm 15\%$, and temperature changed from 0 to 40C. The circuit delay was under 0.8 μ sec. The circuit is used in a digital phase indicator for a frequency and active power regulator unit. Orig. art. has: 5 figures.

SUB CODE: 09/ SUBM DATE: 20Sep65/ ORIG REF: 005

Card 2/2

29641

S/146/61/004/004/003/015
D235/D306

9.7200

AUTHOR: Dymkov, S.S., Stroganov, R.P., and Yurevich, Ye.I.
TITLE: Investigating a type of non-linear dynamical systems
with the aid of an electronic simulating device
PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priboro-
stroyeniye, v. 4, no. 4, 1961, 27 - 31
TEXT: This is a description of an electronic computer for solving
the equation

$$\frac{d^2x}{dt^2} + a(x) = b(t) \quad (1)$$

with the following conditions $x \geq 0$; (2a)

the derivative $\frac{dx}{dt}$ changes its value and sign when $t = t_1$, $x(t_1) = 0$

also, $\frac{dx}{dt} \Big|_{t=t_1+0} = -k \frac{dx}{dt} \Big|_{t=t_1-0}$ (2b) ✓

Card 1/3

29641
S/146/61/004/004/005/015
D255/D306

Investigating a type of non-linear ...

The maximum frequency of changes $b(t)$ was 10^5 1/sec. Coefficient k varied between 1 and 0. The main assembly of the computer consists of a dc amplifier, three dc integrators and two operational amplifiers. Standard analogue computer techniques were applied. However, three special electronic circuits are described: 1) A switching assembly controlling 4 polarized relays, introduces the conditions imposed on Eq. (1). 2) An indicating assembly which finds and fixes separate critical values of x . 3) A starting assembly switching the simulator to solving the regime at the time t_0 , where t_0 is the smallest positive root of the equation $B(t) - A(0) = 0$. The starting assembly eliminates the error in the solution due to deviation of zeros in the integrators between the switching on and the beginning of the solution. The zeros of the amplifiers, the switching assembly and the stabilized self-resonant oscillation frequency should be periodically checked. The error of the simulating device does not exceed 5 - 10 %. There are 4 figures. This article was recommended by the Kafedra avtomatiki i telemekhaniki (Department of Automation and Telemechanics)

Card 2/3

Investigating a type of non-linear

S/116/01/004/004/00/00/0
12/15/78

ASSOCIATION: Leningradskiy positekhn
linina (Leningrad Politekh
ninin)

SUBMITTED: 12/15/78

Card 5/5

STROGANOV, R.P.

S/271/63/000/001/016/047
D413/D308

AUTHORS: Stroganov, R.P. and Yurevich, Ye.I.

TITLE: The application of electronic DC simulation devices
in investigation of certain nonlinear dynamic systems

PERIODICAL: Referativnyy zhurnal, Avtomatika, telemekhanika i
vychislitel'naya tekhnika, no. 1, 1963, 44, abstract
1A243 (Dokl. na 4-y Mezhvuz. konferentsii po primen-
eniyu fiz. i matem. modelirovaniya v razlichn. otra-
slyakh tekhn. Sb. 2, M., 1962, 315-323)

TEXT: The authors consider the solution of oscillation
problems in a number of nonlinear dynamic systems by means of DC
simulation computing devices, and in particular the solution of
problems encountered in the design of vibrator and vibration-damping
devices. They give the physical interpretation of the problem and
a scheme for setting up the equations on a simulator. Since a num-
ber of conditions cannot be reproduced on standard production-type

Card 1/2

S/271/63/000/001/016/047
D413/D308

The application of electronic ...

simulator equipment, they have developed a specialized apparatus based on parts of the computer amplifiers MNT-9 (MPT-9) simulator and including a number of specific modules. They stress that resonance cannot be allowed to arise in a number of devices (e.g. inertial sensors). Curves obtained on the simulator are given for the maximum displacement amplitude of the body as a function of relative frequencies and of the relative amplitude of the resultant perturbing force when the force obeys a sinusoidal law, and separately for the case where a pulsed periodic input is applied to the system. The curves show that in both cases the main resonance occurs at a frequency close to the double natural frequency of the system. Conclusions are made on the accuracy of solutions obtainable on the simulator.

[Abstracter's note: Complete translation]

Card 2/2

L 17857-66 EWA(h)/EWT(1)

ACC NR: AT6005076

SOURCE CODE: UR/2563/65/000/256/0080/0085

AUTHOR: Mikheyev, N. S.; Stroganov, R. P.

ORG: Leningrad Polytechnic Institute im. M. I. Kalinin (Leningradskiy politekhnicheskii institut) 51
8+1

TITLE: Digital phase angle regulator 25

SOURCE: Leningrad. Politekhicheskii institut. Trudy, no. 256, 1965. Tsifrovyye izmeritel'nyye i upravlyayushchiye ustroystva (Digital measuring and control devices), 80-85

TOPIC TAGS: phase measurement, phase detector, automatic regulation

ABSTRACT: A very accurate digital phase angle regulator of the proportional integro-differential type (Fig. 1) has been developed. It is designated for the control of the frequency and of the active power of power system generators by regulating the absolute angle, i.e., the angle between the voltage vector at the given control point of the network and the vector of a stable frequency reference voltage.

Card 1/2

2

L 17857-66

ACC NR: AT6005076

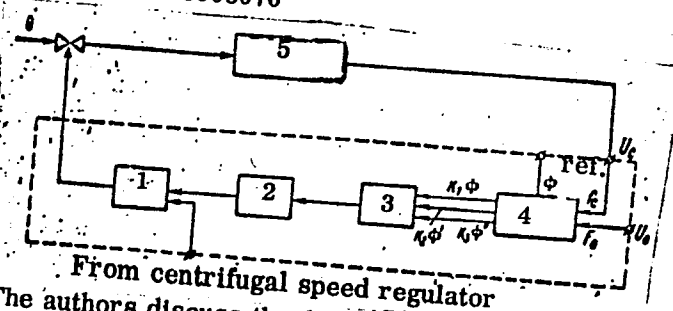


Fig. 1. Structural diagram of the automatic angle regulator.
1 - hydraulic integrating servo-mechanism; 2 - electromechanical converter; 3 - magnetic amplifier; 4 - discrete regulator sensor; 5 - generator.

From centrifugal speed regulator

The authors discuss the design and construction of the device with special considerations for the angle sensing and angle differentiating blocks. The quantization period of the device varies between 0.02 and 0.06 sec. All blocks are made of semiconductor and ferrite elements. The power consumed does not exceed 60 W. Orig. art. has: 16 formulas and 5 figures.

SUB CODE: 14/ SUBM DATE: none/ ORIG REF: 004

Card 2/2 nst

STROGANOV, S.U.

DECEASED
1960

1961/I

SEE ILC

ZOOLOGY/BIOLOGY

(SERGEY UL'YANOVICH STROGANOV)

L 37666-66 EXT(1: SCTB DD

ACC NR: AP6011276

SOURCE CODE: UR/0413/66/000/006/0134/0134

INVENTOR: Vishnyakov, V. A.; Stroganov, V. A.; Tugarinov, P. T.; Chirimanov, E. V.

ORG: none

TITLE: Diving mask with a single glass face plate. Class 65, No. 180101

SOURCE: ¹ Izobreteniya promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 134

TOPIC TAGS: diving, diving mask, *UNDERWATER CLOTHING, EYE PROTECTIVE DEVICE*

ABSTRACT: This Author Certificate introduces a diving mask with a single glass face plate. For better visibility, the face plate is designed with a cleaner brush to wipe off moisture condensate, which is operated manually from the outside. [LD]

SUB CODE: 15, 13/ SUBM DATE: 31Dec64

Card 1/1

UDC: 626.025.2

GEODEKLYAN, Artem Aramovich; DENISEVICH, Vladimir Vladimirovich;
ANTSYPOROV, Aleksandr Ivanovich; BORSHCHEVSKIY, Gol'dfrid
Adol'fovich; VIKTOROV, Dmitriy Nikolayevich; NIKOLENKO,
Vladimir Antonovich; STROGANOV, Vladimir Aleksandrovich;
ULIZLO, Boris Mikhaylovich; USHKO, Konstantin Aleksandrovich;
Prinimali uchastiye: DZHIBUTI, S.S.; DOBROV, Yu.V.; KORABEL'NIKOV,
M.A.; SAMSONOV, L.G.; SABBATOVSKIY, G.A.; CHERNYSHEVA, A.A.;
SHNEYDER, G.F.; BROD, I.O., otv.red.; PERSHINA, Ye.G., red.izd-va;
KOVAL'SKAYA, I.F., tekhn.red.

[Geology and oil and gas potentials of uplifts in the Balkhan
region] Geologicheskoe stroenie i neftegazonosnost' Pribalkhanskoi
zony podniatii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 107 p.
(MIRA 14:2)

(Balkhan Range--Petroleum geology)
(Balkhan Range--Gas, Natural--Geology)

STROGANOV, V. F.

STROGANOV, V. F.--"The Physical-Chemical Nature of the Process of Obtaining a Bond between Ceramics and Metal." Min Higher Education USSR, Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Science).

SO Knizhanay letopis'
No 2, 1956

9,3120
5 2200

25976

S/539/60/000/031/009/014

E071/E135

AUTHORS: Stroganov, V.F., and Zakharov, E.K.

TITLE: A thermographic investigation of the reaction of formation of calcium and barium tungstenates

PERIODICAL: Moscow. Khimiko-tehnologicheskii institut. Trudy, No.31, 1960. Issledovaniya v oblasti khimii i tekhnologii elektrovakuumnykh materialov. pp.60-65

TEXT: Since literature data on the formation of alkali earth tungstenates of the type Me_2WO_6 differ, the authors checked the possibility of the formation of the above salt by the thermal analysis method, using apparatus of the Kurnakov type. The procedure consisted of recording the thermal curves for pure barium and calcium carbonate and their mixtures with various ratios of the components, and subsequently recording the thermal curves of a mixture of carbonates with tungsten trioxide. The extent of the reaction could be assessed from the position and depth of the peaks. It was found that the reaction between barium and calcium carbonates and tungsten trioxide begins at about 300 °C and proceeds with the evolution of heat. On subsequent

Card 1/2

X

25976

A thermographic investigation of ...

S/539/60/000/031/009/014
E071/E135

heating to 1100 °C tungsten anhydride reacts only with an amount of carbonates which corresponds to the formation of MeWO_4 , where Me - an alkali earth metal. This was observed on the basis of peaks of polymorphic transformation of carbonates which disappear only when the ratio of tungsten atoms to alkali earth metals is 1:1. The problem of the possibility of formation of tungstenates with a different ratio of oxides at a higher temperature was not solved as the apparatus used could not operate at higher temperatures.

There are 4 figures, 1 table and 8 references: 1 Soviet, 4 German and the following 3 English:

- Ref.1: H.P. Rocksby, E. Steward. J. Appl. Phys., V.22, 358 (1951).
Ref.2: E. Hensley, J. Affleck. J. Appl. Phys., V.22, 359 (1951).
Ref.3: R.C. Hughes, P.P. Coppola, H.T. Evans. J. Appl. Phys., V.23, 635 (1952).

Card 2/2

1.2200

25981
S/539/60/000/031/014/014
E111/E135

AUTHOR: Stroganov, V.F.

TITLE: Use of metallography for investigating ceramic to metal solders

PERIODICAL: Moscow. Khimiko-tekhnologicheskii institut. Trudy, No.31, 1960. Issledovaniya v oblasti khimii i tekhnologii elektrovakuumnykh materialov. pp.92-97

TEXT: The author notes that metallography is insufficiently used for studying ceramic to metal solders. He describes his own work in which polished sections were made at small angles to the solder layer. The joints obtained on a wide variety of ceramics were similar when the metallization method was similar. Examination of joints obtained by metallization with molybdenum powder (with which the present work deals) showed the following features: 1) with good metallization the ceramic surface is made uneven through high-temperature reaction with molybdenum oxides; 2) a new, black vitreous phase is produced on the ceramic through metallization which can be seen on the polished section; X

Card 1/ 2

Use of metallography for

25981

S/539/60/000/031/014/014

E111/E135

3) a 3 to 5 fold increase was observed in the linear dimensions of the molybdenum particles after metallization; 4) the nickel-powder layer deposited on the molybdenum must be well sintered; its outer pores are filled with the solder. The author discusses photomicrographs of various types of soldered joint obtained by using different metallization temperatures. He urges accumulation of experience on the metallographic investigation of the joints so that their production conditions (temperature, gas-phase composition, duration of metallization, etc.) can be assessed. Personal experience is irreplaceable. The metallographic method is so valuable as a process-control and quality-control method that the sacrifice of specimens which it necessitates is still worth while. There are 11 figures and 1 English reference:
Ref.1: A.G. Pincus. J. Am. Cer. Soc., V.36, 152 (1953).

Card 2/2

KISHKIN, S.T.; SULIMA, A.M.; STROGANOV, V.P.; MALYSHEV, M.V., redaktor;
BELITSKAYA, A.M.; izdatel'skiy redaktor; LEBEDEVA, L.A., tekhn.
redaktor.

[Investigating the effect of cold working on the mechanical properties and the structure of EI437A alloy] Issledovanie vliivania naklepa na mekhanicheskie svoistva i strukturu splava EI437A.
Moskva, Gos.izd-vo oboronnoi promyshlennosti, 1956. 85 p. (Moscow
Aviatsionnyi institut. Trudy, no.71) (MLRA 9:12)
(Nickel-chromium alloys--Cold working)
(Heat resistant alloys--Cold working)

Алиев, В. В., Миясильев, Л. Л., Рамаев, А. И., Серафимов, В. В. (НИИРТ, Гор'кий)

"Methods of Atom-Beam Radiospectroscopy".

report presented at the All-Union Conference on Statistical Radio
Physics, Gor'kiy, 13-18 October 1958. (Izv. vyssh uchev zaved-Radiotekh.,
vol. 2, No. 1, pp 121-127) COMPLETE card under SIFOROV, V. I.)

STROGANOV, V. V.

"The Dynamics of the Development of the Interaction between Conditioned and Unconditioned Reflexes"

Paper read by V. V. STROGANOV at Fifth Conference dedicated to the great Soviet physiologist I. P. Pavlov, and regularly convened by the Academy of Sciences of the USSR and the All-Union Institute of Experimental Medicine named after A. M. Gor'kiy - conference on physiological problems, in Moscow, which adjourned last week after a session which lasted for several days.

Moscow News 15 May 1939, p 7

STROGANOV, V. V.

Stroganov, V. V. "Effect of change of circumstances on the higher nervous activity of a dog," Trudy fiziol. laboratoriy im. Pavlova, Vol. XIII, 1948, p. 128-49

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

STROGANOV, V. V.

"Changes in the behavior of dogs which have different types of nervous systems during a study of them by the method of conditioned reflexes," Collection I, V. V. Stroganov.
"Continuous changes of multiple stereotype of factors of hypnotic spells of dogs,
V. V. Stroganov. "On the reliability of the hypnotic suggestion of dogs during pro-
tracted change of multiple stereotype," Trudy fiziol. laboratorii Im. Pavlova, Vol. XIV,
1948, p. 18-82
SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

STROGANOV, V. V.

Petrunkin, M. L. and Stroganov, V. V. "Accumulation of bromine in an organism during protracted treatment with bromine and its effect on the superior activity of a dog of an excitable type," (with supplement: "Methods of determining bromine in urine," Trudy fiziol. laboratorii im. Pavlova, Vol. XIV, 1948, p. 88-95

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

STROGANOV, V. V.

Stroganov, V. V. - "Influence of the first situation in a stereotyped upon the excitability of the cerebral cortex of a dog during the experimental day," Trudy Fiziol. in-tain. Pavlova, Vol. III, 1949, p. 32-41

SO: 0-3556 15 March 53, (Istap's 'Zhurnal 'nykh Statey, No. 14, 1949).

STROG'NCV, V.V.

29896

Vzaimnaya induktsiya I napryazheniye nyervnykh protsyessov v korye
bol'shchikh polushchary. Soobshch. I. Fiziol. Zhurnal ssr im. syechyeno-
va, 1949, No 5, s. 604-08

SO: LETOPIS' NO. 40

STROGANOV, V. V.

29912

Pavloskiye sryedy. (k izdaniyu protokolov I styenogramm kollyektivnkh byesyed, p rovyedyyen. I. P. Pavlovym v fiziol. In-tye). Ogonyek, 1949, No 39, s. 9, s portr.

SO: LETOPIS' NO. 40

STROGANOV, V. V.

Stroganov, V. V. Ivan Petrovich Pavlov, (Prevel't russki Nikolai Popov. Sofiya)
Narodna mladost (1951) 70 p. (Ivan Petrovich Pavlov. Tr. from the Russian.)

SO: Monthly list of East European Accessions, I.C. Vol. 3 No. 1 Jan. '54. Incl.

STROGANOV, V.V.

Positive and negative phases of reciprocal induction in the
cerebral cortex of a dog. Trudy fiziol. lab. 1 no.1/3:240-262 '53
(MLRA 9:5)

(INHIBITION)

DIYEV, Boris Vasil'yevich; STROGANOV, Yevgeniy Andreyevich; LESNICHEN-
KO, I.I., red. izd-va; GORDEYEVA, L.P., tekhn. red.

[Standard spindle heads] Unifitsirovannyye shpindel'nye golovki.
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961.
54 p. (MIRA 14:8)

(Machine tools)

L 38204-66

ACC NR: AP6022007

SOURCE CODE: UR/0120/66/000/003/0121/0125

AUTHOR: Brovchenko, V. G.; Molchanov, Yu. D.; Stroganov, Ye. A.

ORG: Institute of Atomic Energy, GKAE, Moscow (Institut atomnoy energii GKAE)

TITLE: Measuring current impulses by magnetic belts

SOURCE: Pribery i tekhnika eksperimenta, no. 3, 1966, 121-125

TOPIC TAGS: electric measurement, electric pulse measurement, electric measuring instrument

ABSTRACT: Two "magnetic-belt" circuits are examined: (1) With an integrating belt and (2) With a differentiating belt and subsequent signal integration. The "magnetic-belt" is actually a type of current transformer that measures not only the value but also the shape of a current impulse by providing the output signal proportional to the emf integral. Formulas for sensitivities of both the circuits are set up; when the flat portion of a square signal is important, circuit 2 has the advantage because of its higher sensitivity threshold; with considerable external noise, both circuits are equal. Formulas were verified by some experiments carried out with a rectangular-cross-section ($r = 1.35$ cm, $S = 0.325$ cm²) ferrite torus ring having suitable windings. "In conclusion, the authors wish to thank G. A. Otroshchenko for a useful discussion and help in calculations." Orig. art. has: 3 figures and 24 formulas. [03]

SUB CODE: 09 / SUBM DATE: 12Apr65 / ORIG REF: 009 / OTH REF: 003/ ATD PRESS: 5044

Card 1/1 *llc*

UDC: 621.317.31.014.33

STURMAN, Ye. P.

"A Study of the Structure of Borosilicate Glass and Vitreous Boric Acid Anhydride by Measuring Heat Capacity at Low Temperatures." Cand Chem Sci, Moscow Order of Lenin Chemotechnological Institute D. I. Mendeleev, 15 Dec 54. (Vol. 6 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SC: Sum. No. 556, 24 Jun 55

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
p 107 (USSR) 15-57-7-9476

AUTHORS: Tarasov, V. V., Stroganov, Ye. F.

TITLE: A Study of the Structure of Microheterogeneous
Glass-Forming B_2O_3 by the Low-Temperature Heat-
Capacity Method (izucheniye struktur mikroeterogennogo
setkla i stekloobraznogo B_2O_3 metodom nizkotempera-
turnoy teployemkosti)

PERIODICAL: Tr. Mosk. khim-tekhrol. in-ta, 1956, Nr 21, pp 26-33

ABSTRACT: The authors experimented on the measurement of heat
capacity in the temperature range from 65.8° to
 167.6° K in order to determine the structures of
sodium borosilicate glass composed of 4 percent Na_2A
(sic), 26 percent Ba_2O_3 , and 70 percent SiO_2 (molar
percentages) and of glass-forming anhydride. They
ascertained the additive relationship of the heat

Card 1/2

A Study of the Structure (Cont.)

15-57-7-9476

capacity for these glasses relative to the phases of SiO_2 , Ba_2O_3 , and the autonomous vibrator Na^+ , confirming the microheterogeneous structure of the glasses. They identified a possible chain structure in the glass-forming boron anhydride and proposed a Ba_2O_3 chain structure similar to the orthorhombic modification of Sb_2O_3 (valentinite).

Card 2/2

L. N. Smirnov

STROGANOV, Ye.F., kand.khimicheskikh nauk

Summing up the work of the Moscow Administration of the D.I.
Mendeleev All-Union Chemical Society for 1960. Zhur.VKHO 6
no.3:347-348 '61. (MIRA 14:6)
(Chemical industries)

STIOGANOV, Ye.M.; OVGHINNIKOV, K.V.

Crystalline structure of ruthenium trichloride [with summary in
English]. Vest. LGU 12 no.22:152-157 '57. (MIRA 11:2)
(Ruthenium chloride)

KUZEMIN, I.N., inzh.; STROGANOV, Ye.M., inzh.

Preparation for starting and temporary operation of the Kremenchug
Hydroelectric Power Station. Energ.stroi. no.23:101-106 '61.
(MIRA 15:1)

1. Direktor Kremenchugskoy gidroelektrostantsii (for Kuzemin).
2. Glavnyy inzh. direktsii Kremenchugskoy gidroelektrostantsii
(for Stroganov).

(Kremenchug Hydroelectric Power Station)

L 09085-67

ACC NR: AP7002376

SOURCE CODE: UR/0104/66/000/007/0030/0033

AUTHOR: Potashnik, S. I. (Engineer); Kalmykov, I. Z. (Engineer); Stroganov, Ye. M. (Engineer); Kozhevnikov, N. N.; Tsizin, N. G. (Engineer); Papanov, A. V. (Engineer); Beschastnov, G. A. (Engineer); Balakirev, V. F. (Engineer)

ORG: none

TITLE: Increasing the power effectiveness of horizontal capsule hydroelectric units

SOURCE: Elektricheskiye stantsii, no. 7, 1966, 30-33

TOPIC TAGS: hydroelectric power plant, electric power production

ABSTRACT: At the Kiev Hydroelectric Station, which was the first low pressure hydroelectric station with horizontal capsule hydroelectric units in the country, the usage of these horizontal units allowed a reduction in cost of construction and installation operations in comparison with vertical units of 20-25%. This article presents an evaluation of the power qualities of the capsule hydroelectric units on the basis of results of usage and investigations performed, as well as some suggestions for increasing these qualities. The author concludes that the horizontal capsule unit can operate normally in the synchronous compensator mode with a power of 15 Mvar without removal of water from the reflex condensation chamber. The thermal state of the rotor windings allows operation with a power coefficient loss than unity, which provides for distribution of the reactive power in peak hours and increases the static stability of the capsule hydrogenerators. The usage of capsule generators in the synchronous compensation mode is economically justified. Orig. art. has: 3 figures. [JPRS: 37,564]

SUB CODE: 10 / SUBM DATE: none

Card 1/1

UDC: 62.224-131.2

IT. G. G. G. G.

Dissertation: "Application of the Harmonic Series in X-ray Analysis, For Example, in an Investigation of the Structure of a Triphenyl-Dichloro-Antimony Crystal." Cand Chem Sci Leningrad State U, Leningrad, 1953. Referativnyi Zhurnal--Zhurnal, Moscow, No 7, Apr 54.

SC: SUM 184, 26 Nov 1954

Category: USSR / Physical Chemistry - Crystals

B-5

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 29638

Author : Stroganov Ye. V.

Inst : Leningrad University

Title : Nomograph for Computation of Structure Amplitude in X-Ray Study of Crystals.

Orig Pub: Vestn. Leningr. un-ta, 1956, No 22, 124-127

Abstract: Description of the improved nomograph of N. V. Belov (Dokl. AN SSSR, 1948, 59, No 3, 487) which permits to compute the values of structure amplitudes of reflections of hkl type, and not merely those of type hk0, h0l, 0kl. For this purpose the nomograph is provided with an additional scale for a preliminary computation of the products of two trigonometric functions, which are then multiplied by a third function.

Card : 1/1

-6-

KOZHINA, Inna Ivanovna; STROGONOV, Yevgeniy Vasil'yevich; TOLKACHEV, Sergey
Sergeyevich; SHCHEMENOVA, Ye.V., red.; VODOLAGINA, S.D., tekhn.red.

[Manual for laboratory work in structural crystallography]
Rukovodstvo k laboratornym rabotam po strukturnoi kristallografi.
[Leningrad] Izd-vo Leningr. univ. Vol.1. 1957. 105 p. (MIRA 11:3)
(Crystallography)

STROGANOV, Ye.V.

Methods of teaching principal geometrical laws related to crystals.
[with summary in English, p.153]. Vest. Len. un. 12 no.4:113-117
'57. (MLBA 10:4)

(Crystal lattices)

Kristallografiya

AUTHORS: Stroganov, Ye. V., and Ovchinnikov, K. V. 54-4-18/20

TITLE: The Cristal Structure of the Ruthenium Trichloride (RuCl_3) (Kristallicheskaya struktura trikhlorida ruteniya).

PERIODICAL: Vestnik Leningradskogo Universiteta Seriya Fiziki i Khimii, 1957, Vol. 22, Nr 4, pp. 152-157 (USSR).

ABSTRACT: The cristal structure of the black modification of the RuCl_3 was defined on the basis of the Fourier's series and was found to be isomorphous with the violet modification of the CrCl_3 . The found structure goes by the principle of the massive packing. The Cl^{-1} ions form a massive cubical packing of the spheres, within the octahedral cavity of which the Ru^{+3} ions are embedded. Given are the radius of the Ru^{+3} as well as the parameter. There are 4 figures, 1 table, and 7 references.

SUBMITTED: March 17, 1957.

AVAILABLE: Library of Congress.

Card 1/1

STROGANOV, Ye. V.

137-58-1-1978

Translation from: Referativnyy zhurnal Metallurgiya, 1958, Nr 1, p 265 (USSR)

AUTHORS: Stroganov, Ye. V., Tolkachev, S. S.

TITLES: A Graphic Method of Indexing Crystals of the Higher and Middle Syngonies (O graficheskom inditsirovanii kristallov vysshey i sredney singoniy)

PERIODICAL: Uch. zap. LGU, 1957, Nr 211, pp 230-234

ABSTRACT: The Bjorstrom method of indexing x-ray photographs of crystals of the higher and middle syngonies is set forth and developed (Bjorstrom, T. B., Z. Phys. 1931, Nr 69, p 346. Comparison of this method and the methods usually employed is made.

A. B. -Z.

1. Crystals--Indexes--Processes

Card 1/1

PHASE I BOOK EXPLOITATION

1179

Kozhina, Inna Ivanovna, Stroganov, Yevgeniy Vasil'yevich, and Tolkachev, Sergey Sergeyevich

Rukovodstvo k laboratornym rabotam po strukturnoy kristallografii, [ch.] II.
(Manual for Laboratory Work in Structural Crystallography, pt. 2)
[Leningrad] Izd-vo Leningr. univeta, 1958. 150 p. 2,000 copies printed.

Sponsoring Agency: Leningrad. Universitet.

Resp. Ed.: Tolkachev, S.S.; Ed.: Shchemeleva, Ye.V.; Tech. Ed.: Vodolagina, S.D.

PURPOSE: This book is intended for students of vuzes whose programs include the study of X-ray analysis.

COVERAGE: This second volume of the "Manual for Laboratory Work in Structural Crystallography" is devoted to problems concerning the use of X-rays in crystallographic analysis and gives a theoretical basis for the interaction of X-rays with a substance.

Card 1/5

Manual for Laboratory Work in Structural (Cont.) 1179

TABLE OF CONTENTS:

Ch. I. X-rays and Structural Crystallography	3
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2. Series of crystallographic faces (hkl) and quadratic forms	6
3. Quadratic forms of hexagonal and tetragonal syngony (equations)	9
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